FIG. 1
PRIOR ART

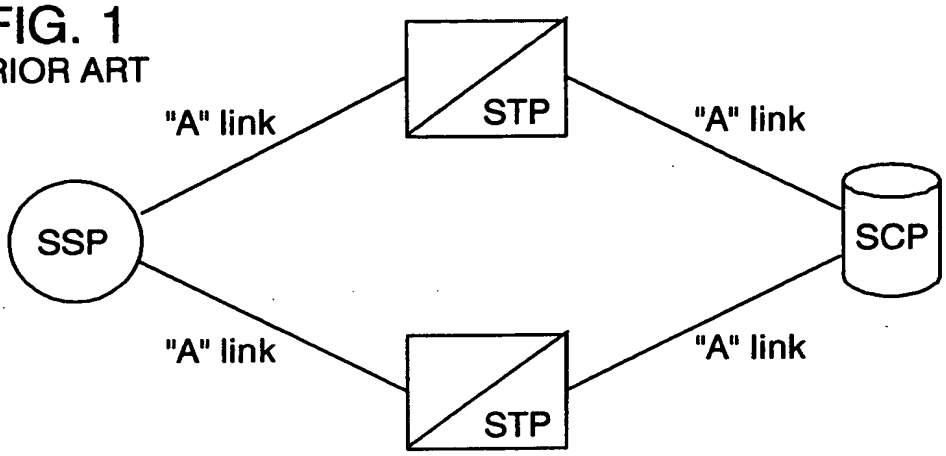


FIG. 2
PRIOR ART

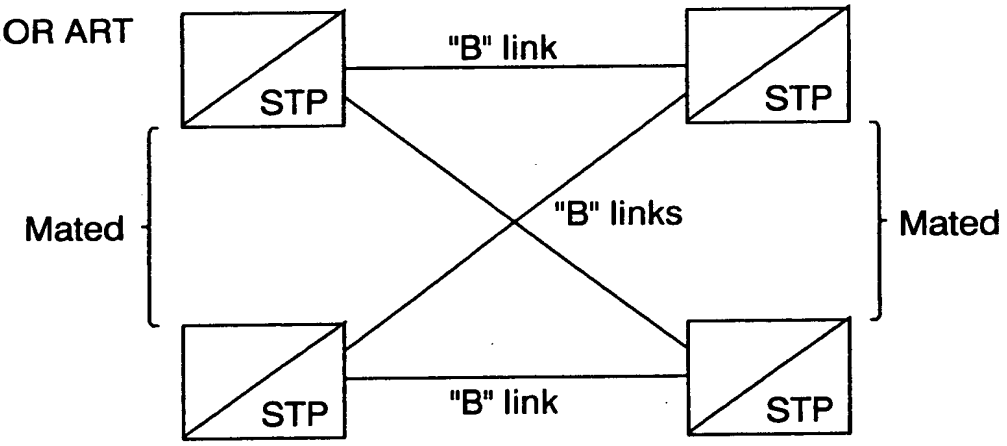
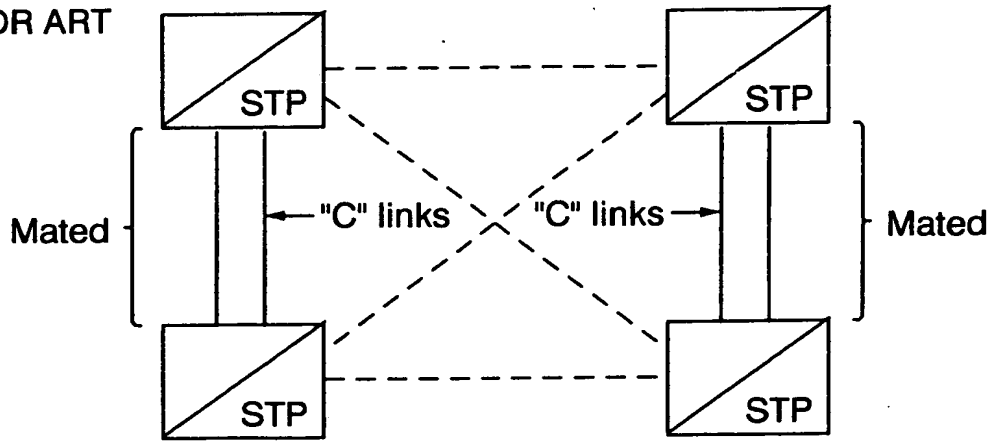


FIG. 3
PRIOR ART



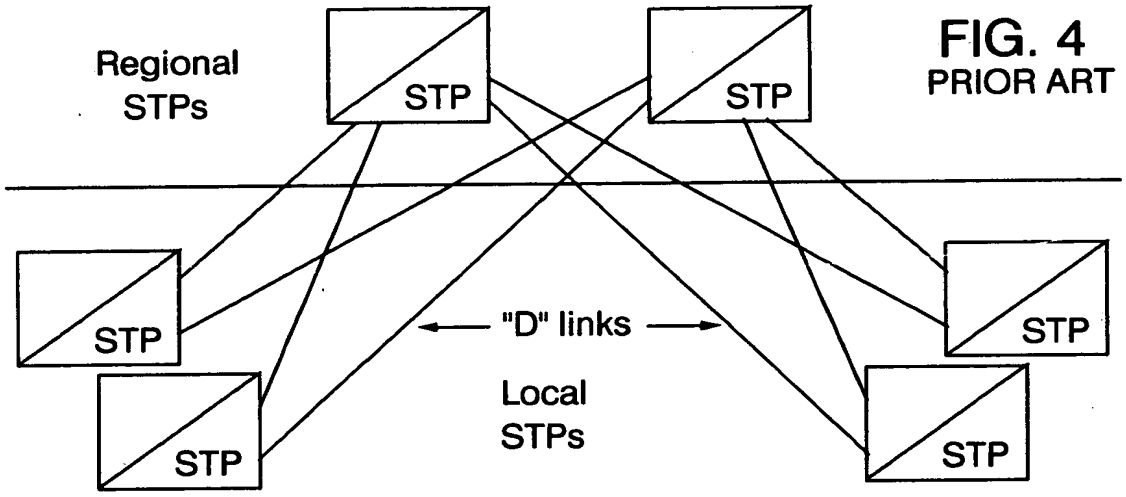


FIG. 4
PRIOR ART

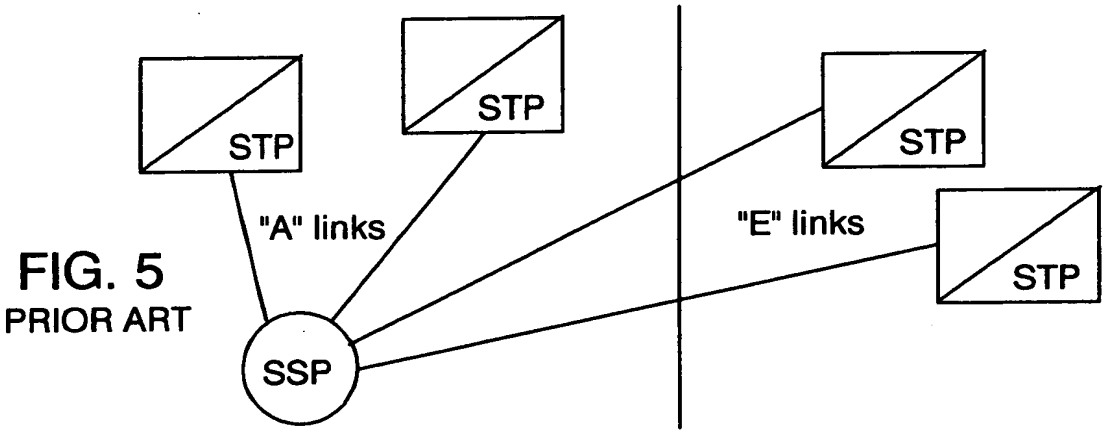


FIG. 5
PRIOR ART

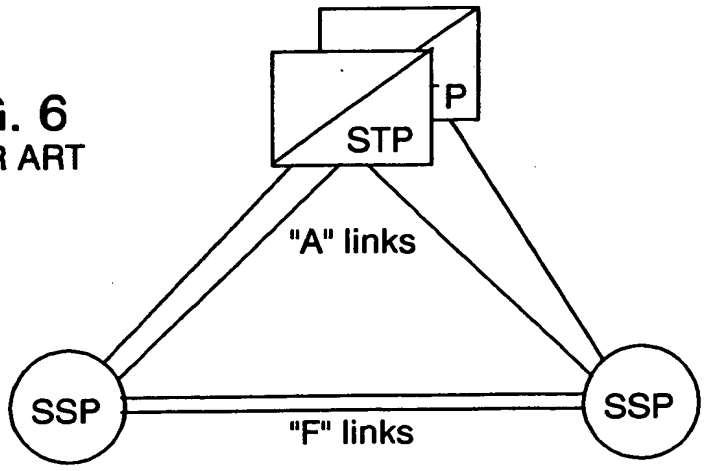


FIG. 6
PRIOR ART

FIG. 7
PRIOR ART

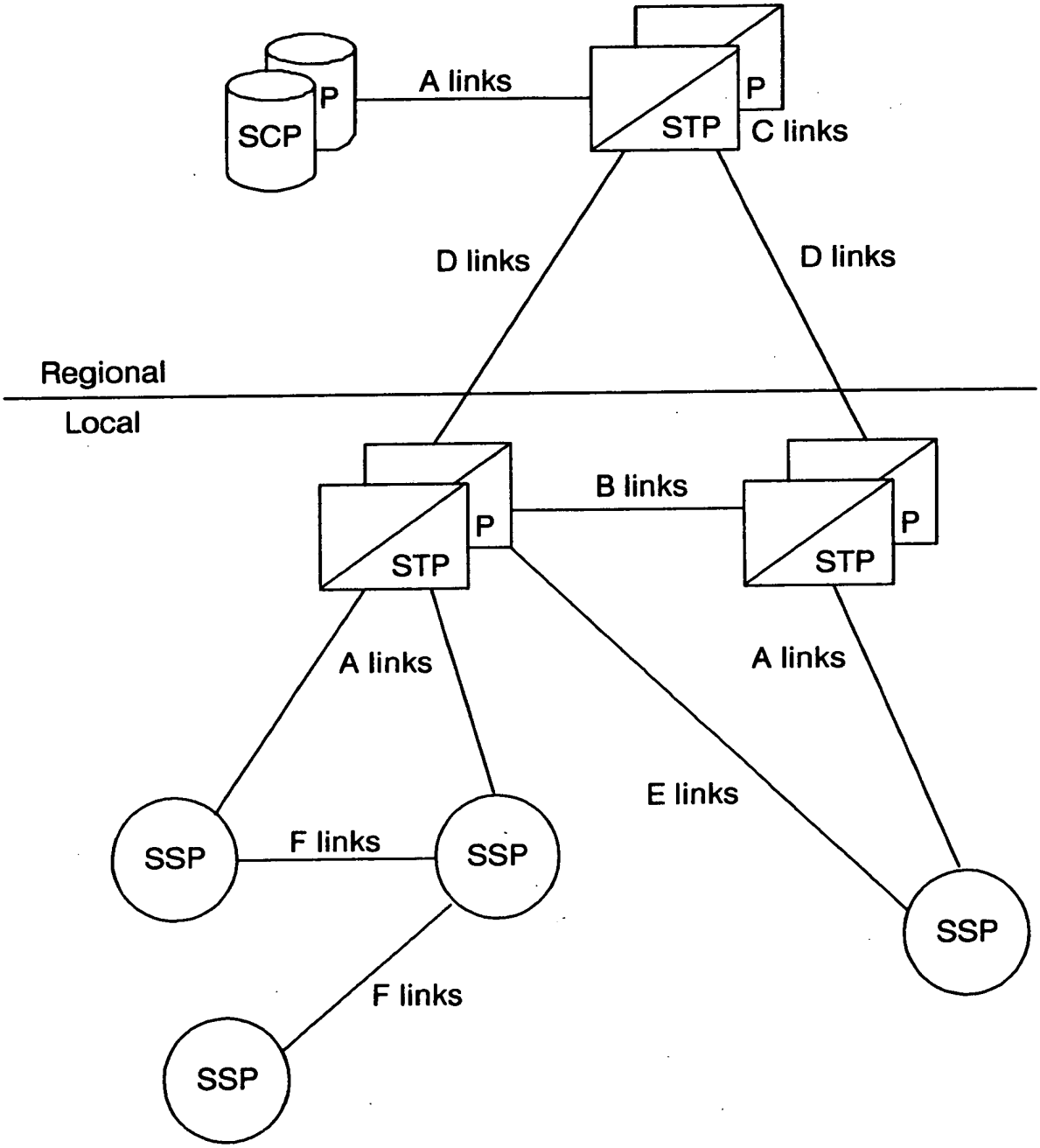
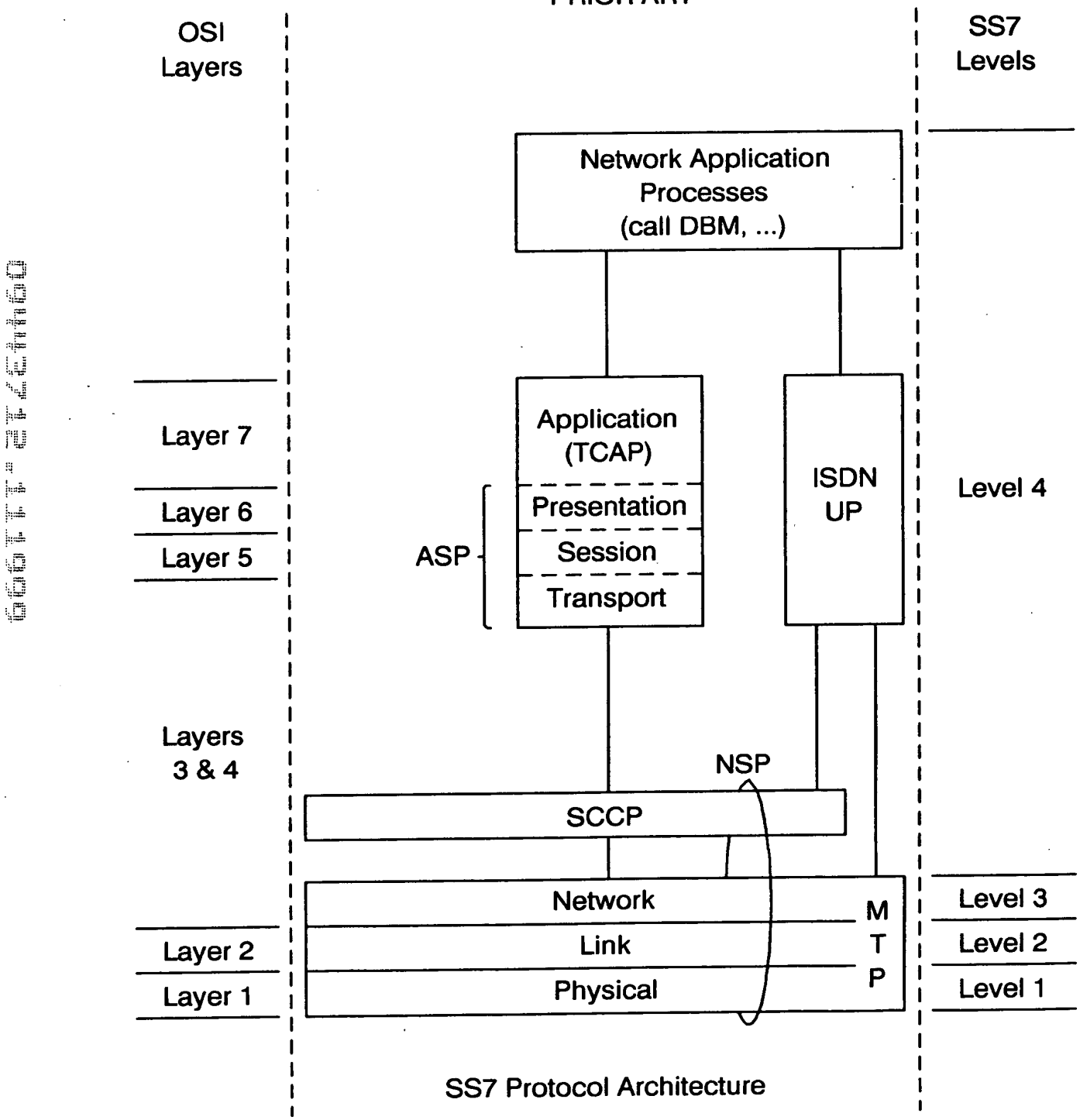


FIG. 8
PRIOR ART



SS7 Protocol Architecture

FIG. 9
PRIOR ART

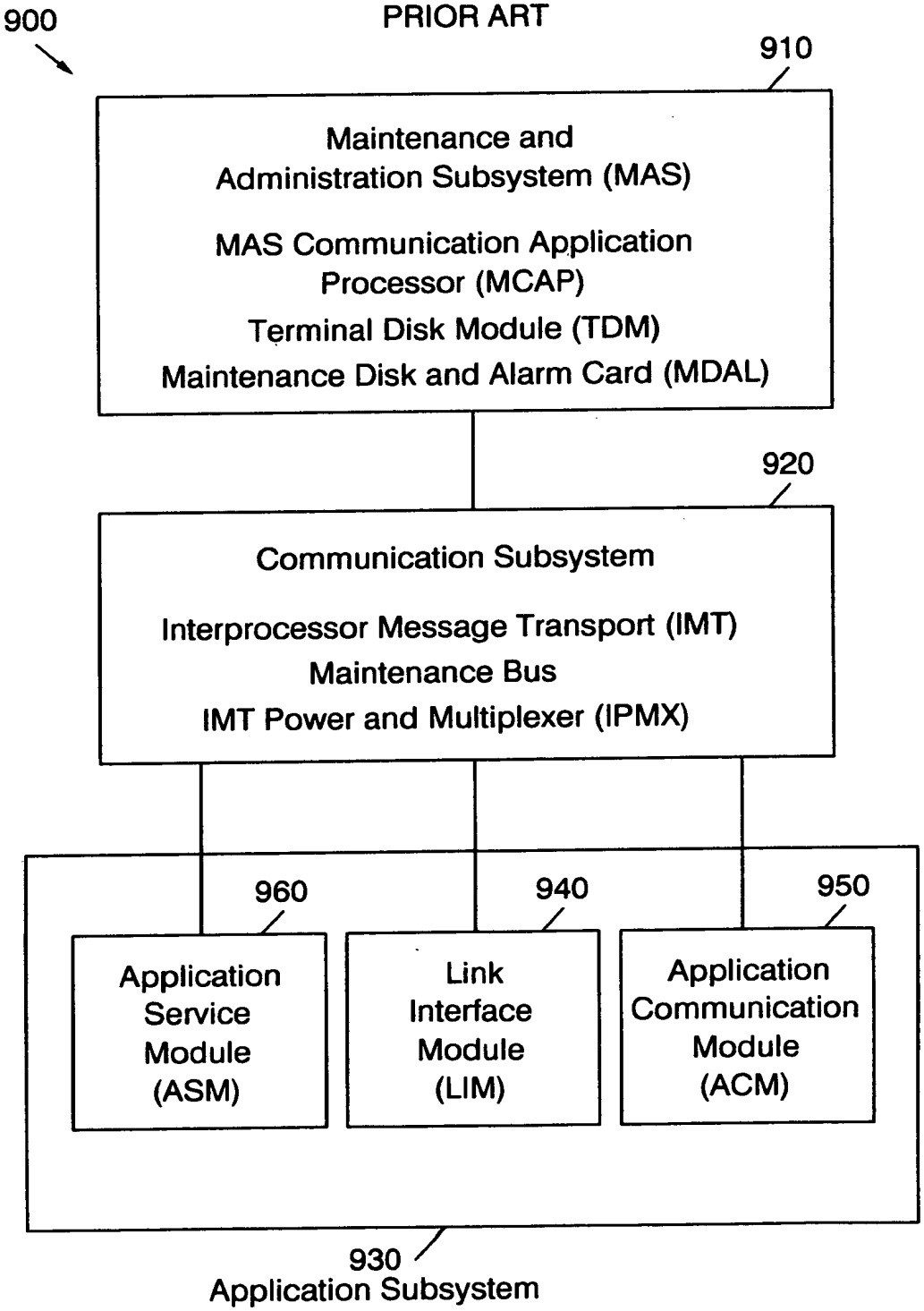


FIG. 10

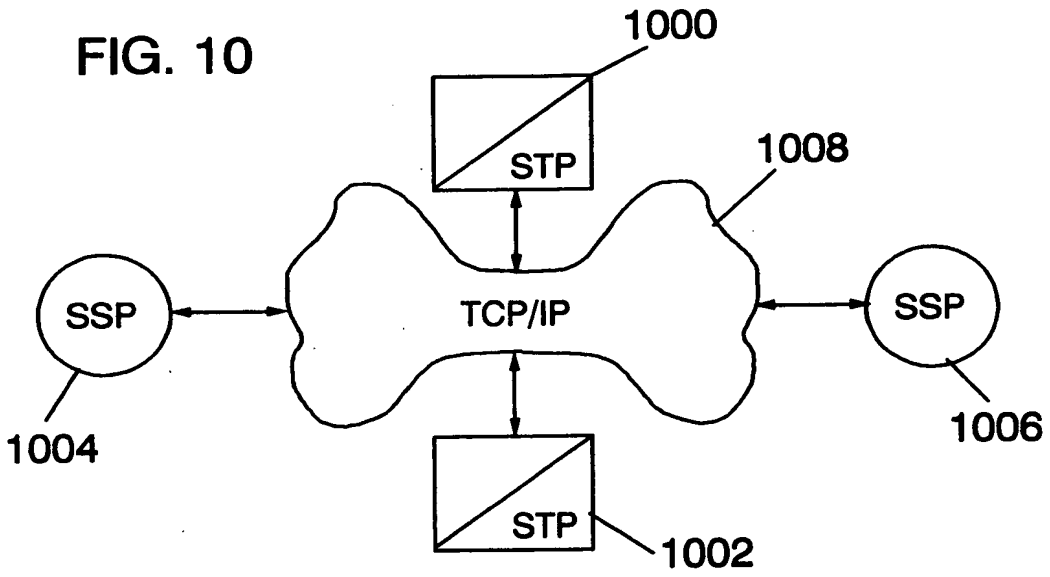


FIG. 11

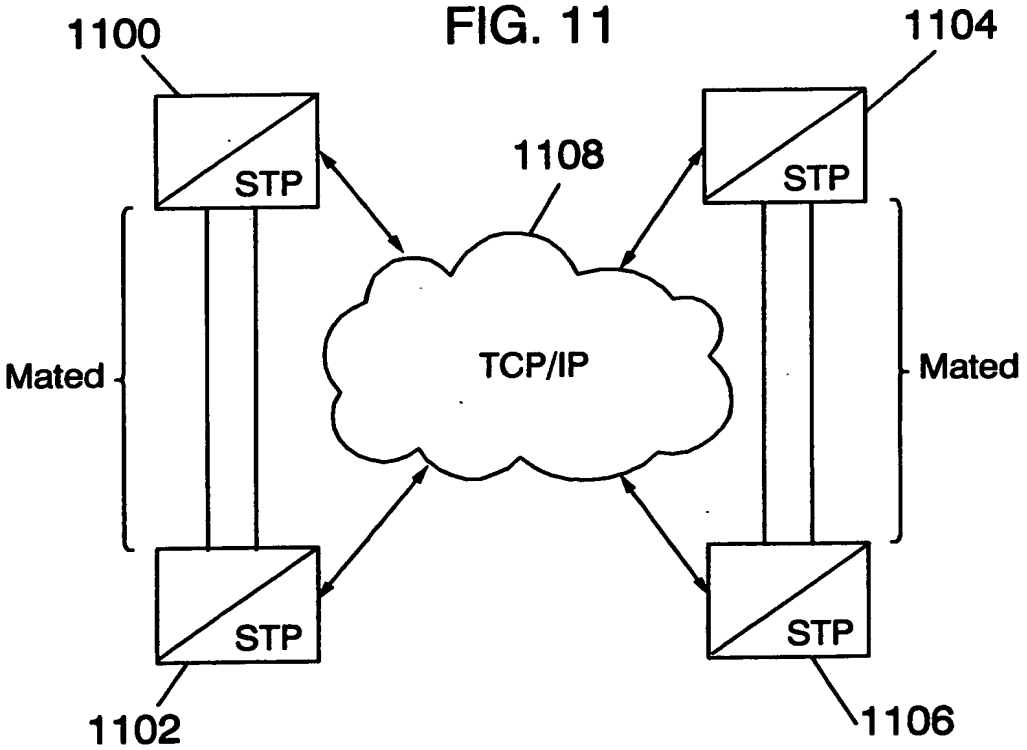


FIG. 12

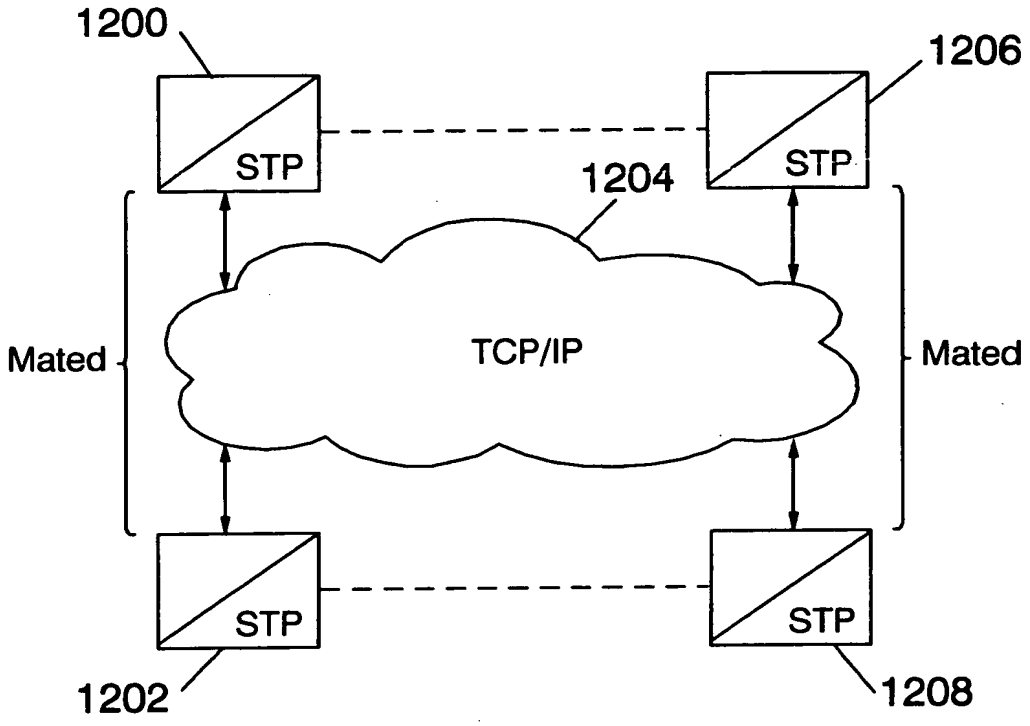


FIG. 13

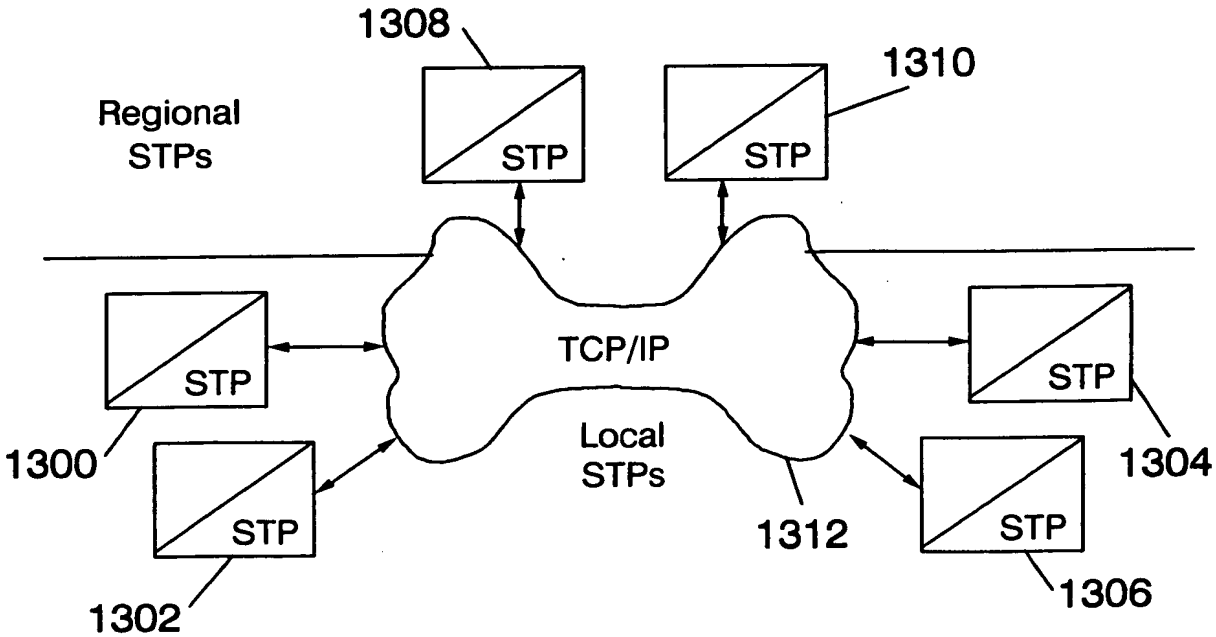


FIG. 14

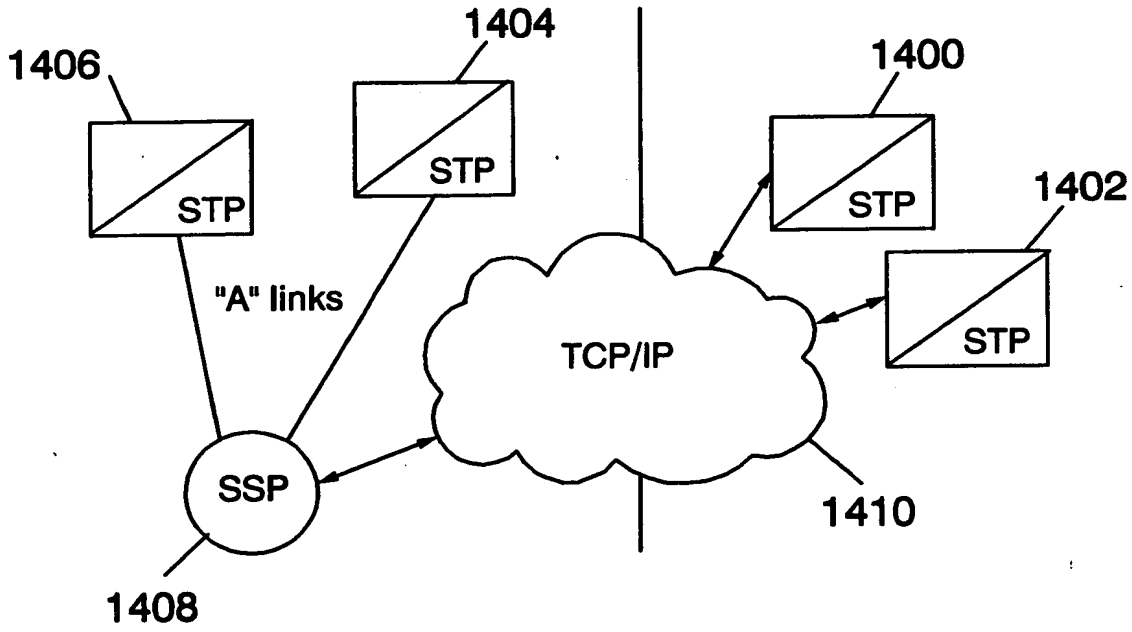


FIG. 15

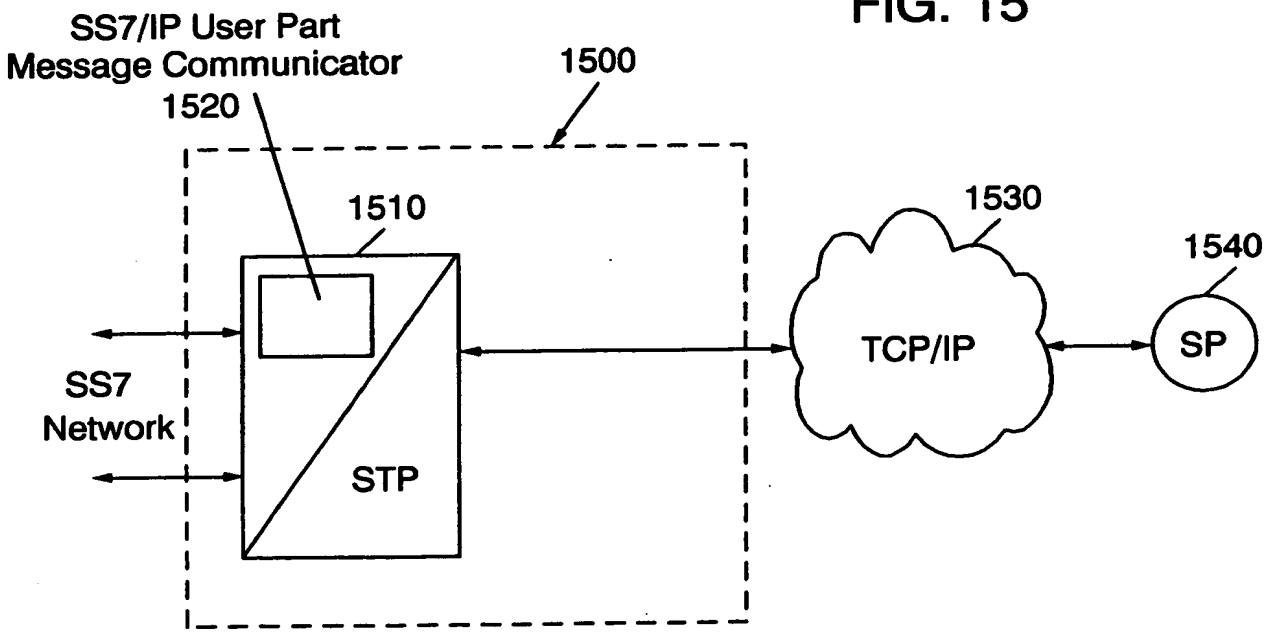
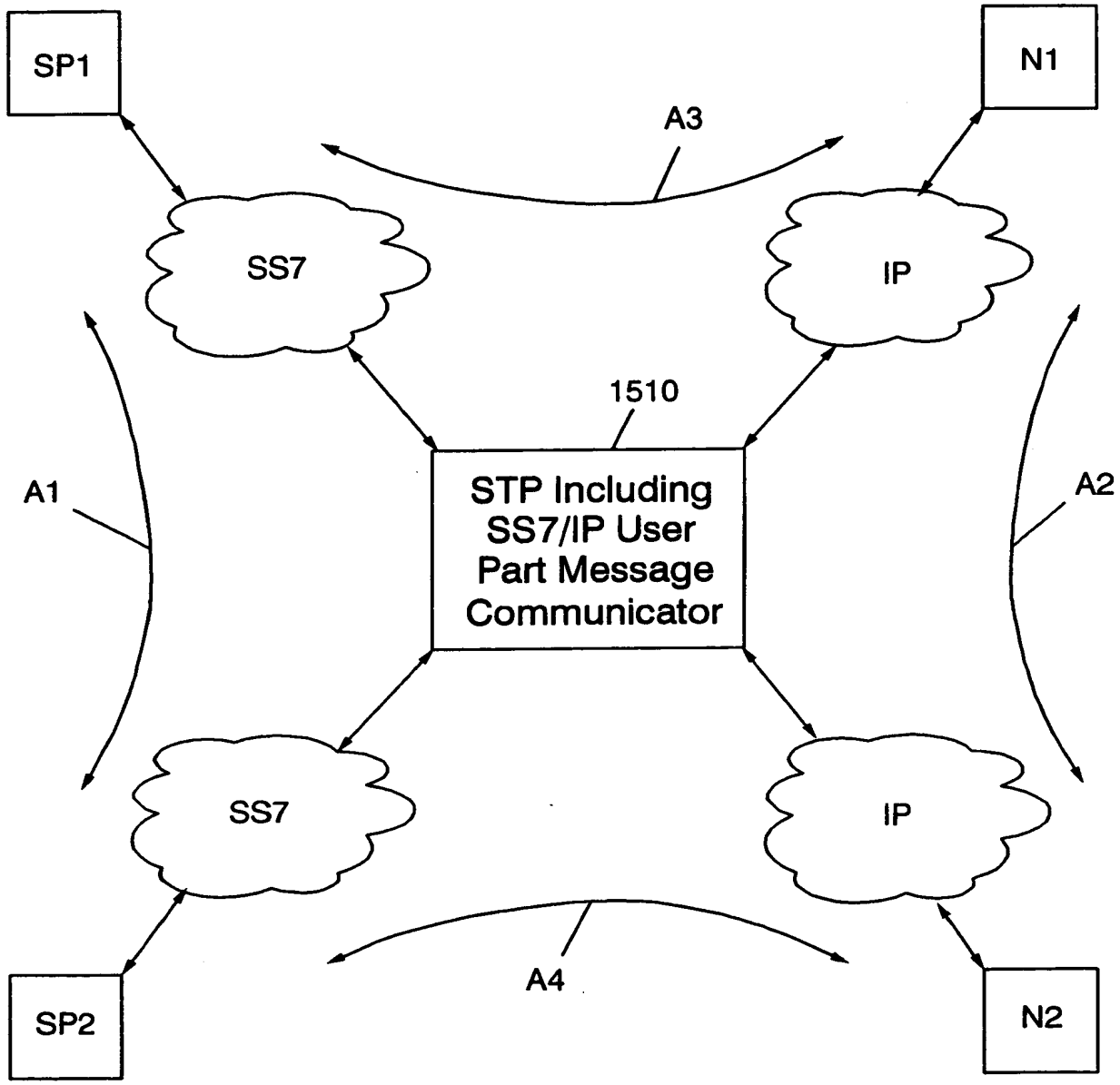


FIG. 16



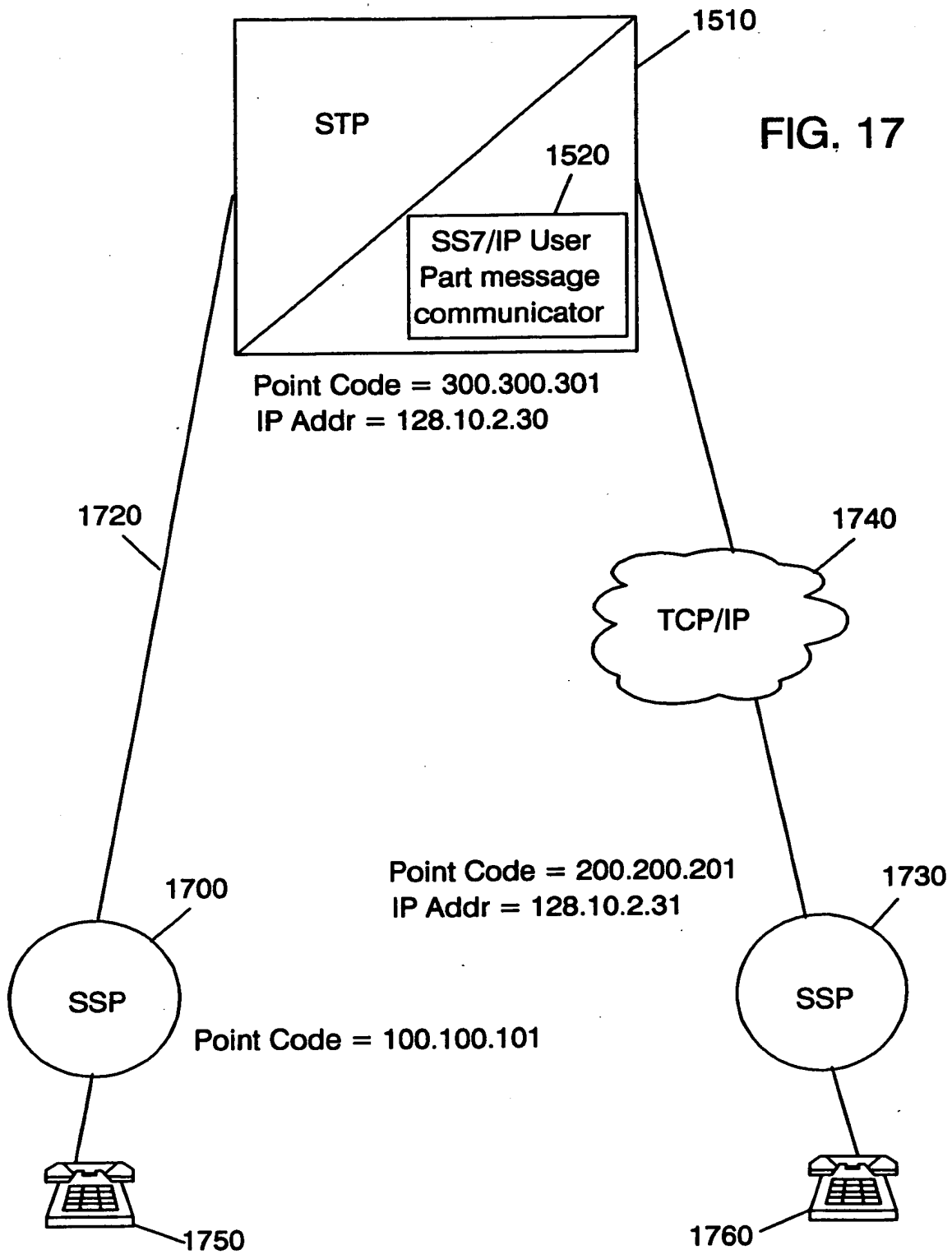


FIG. 17

FIG. 18

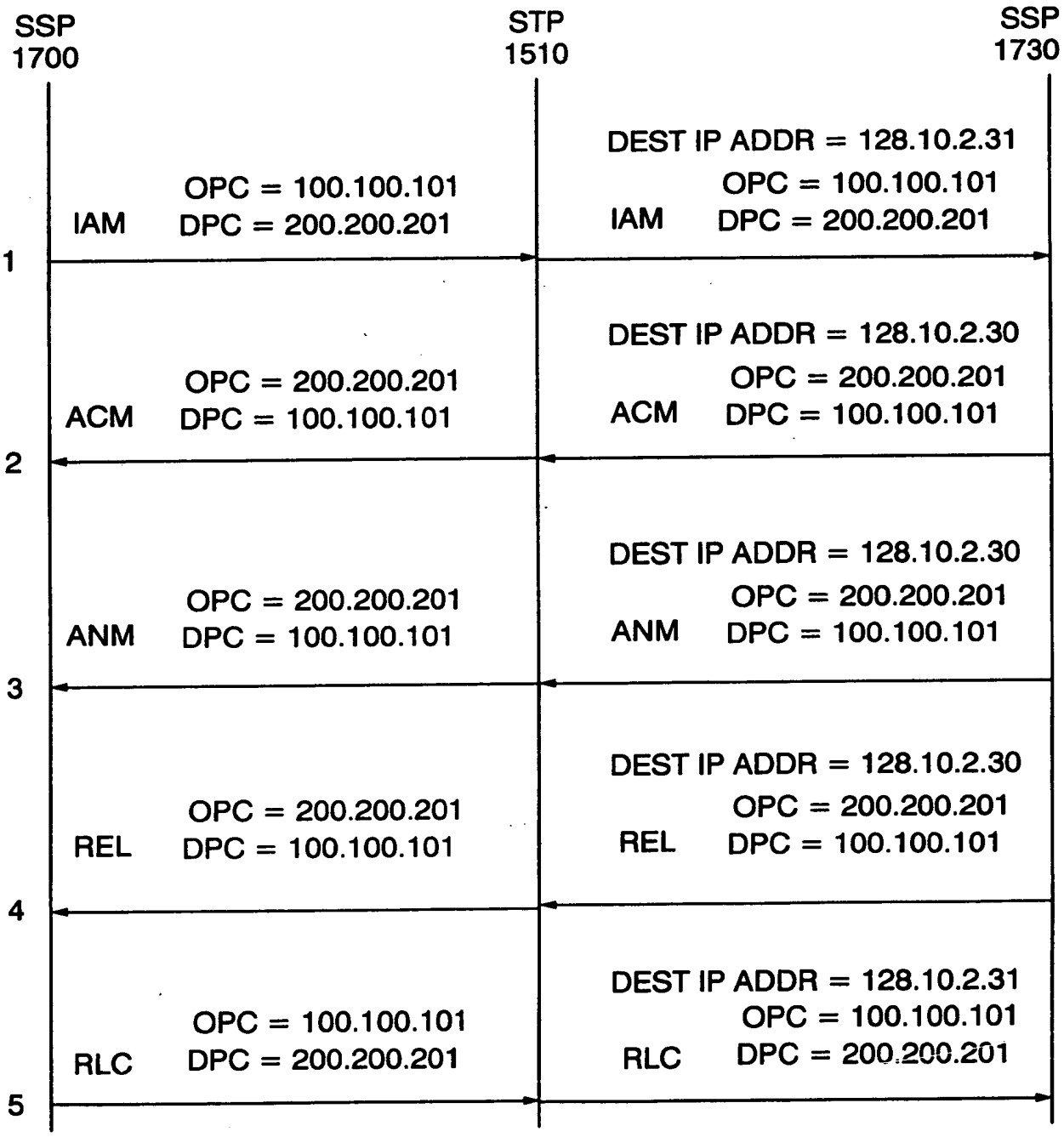


FIG. 19

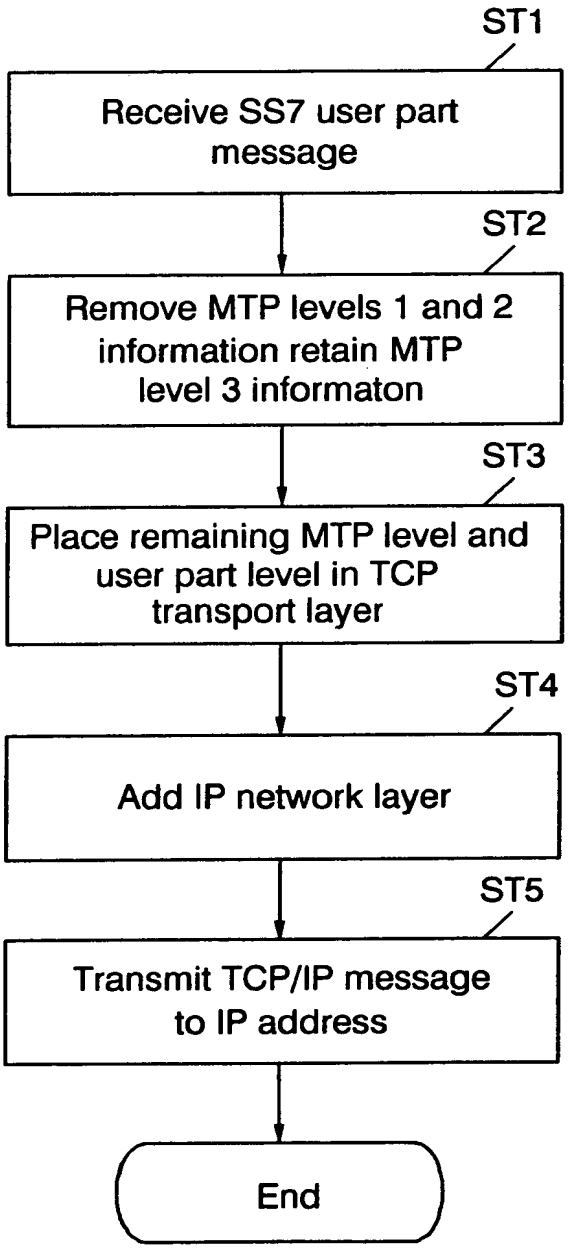


FIG. 20

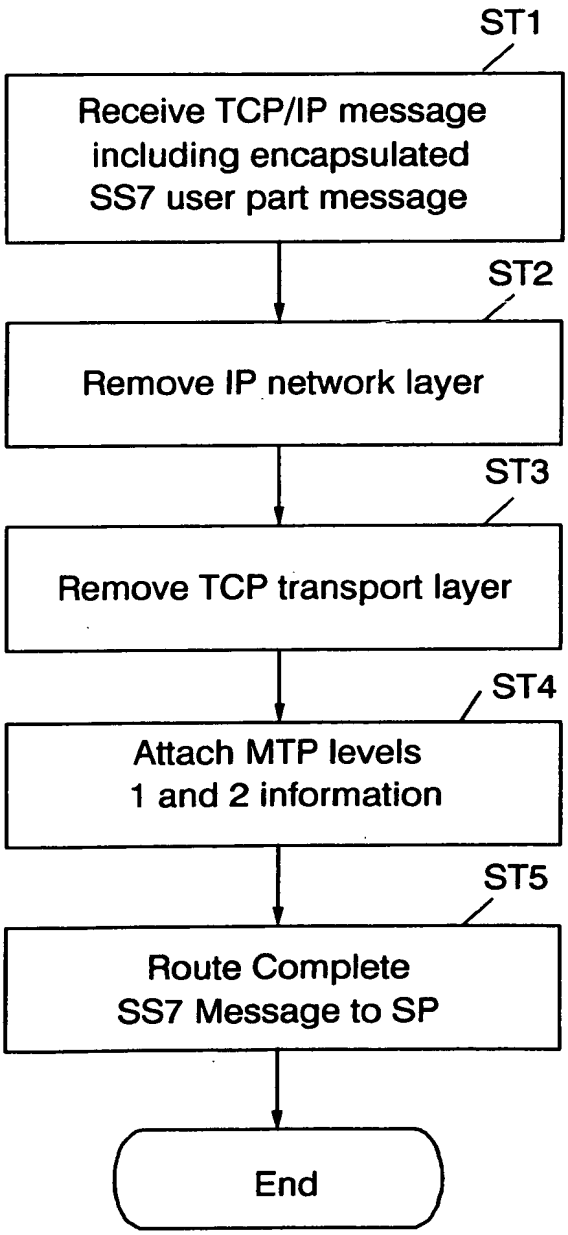


FIG. 21

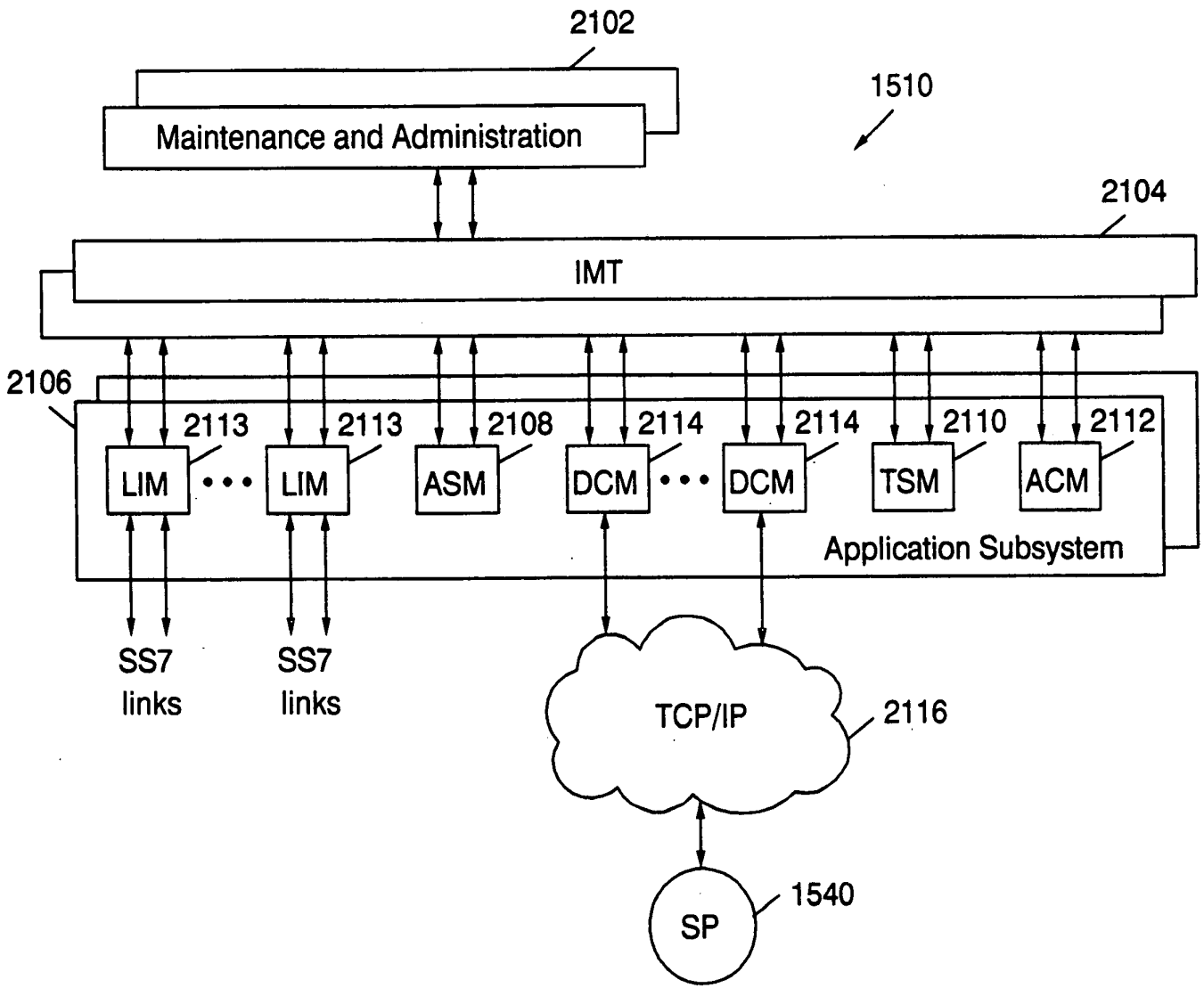


FIG. 22

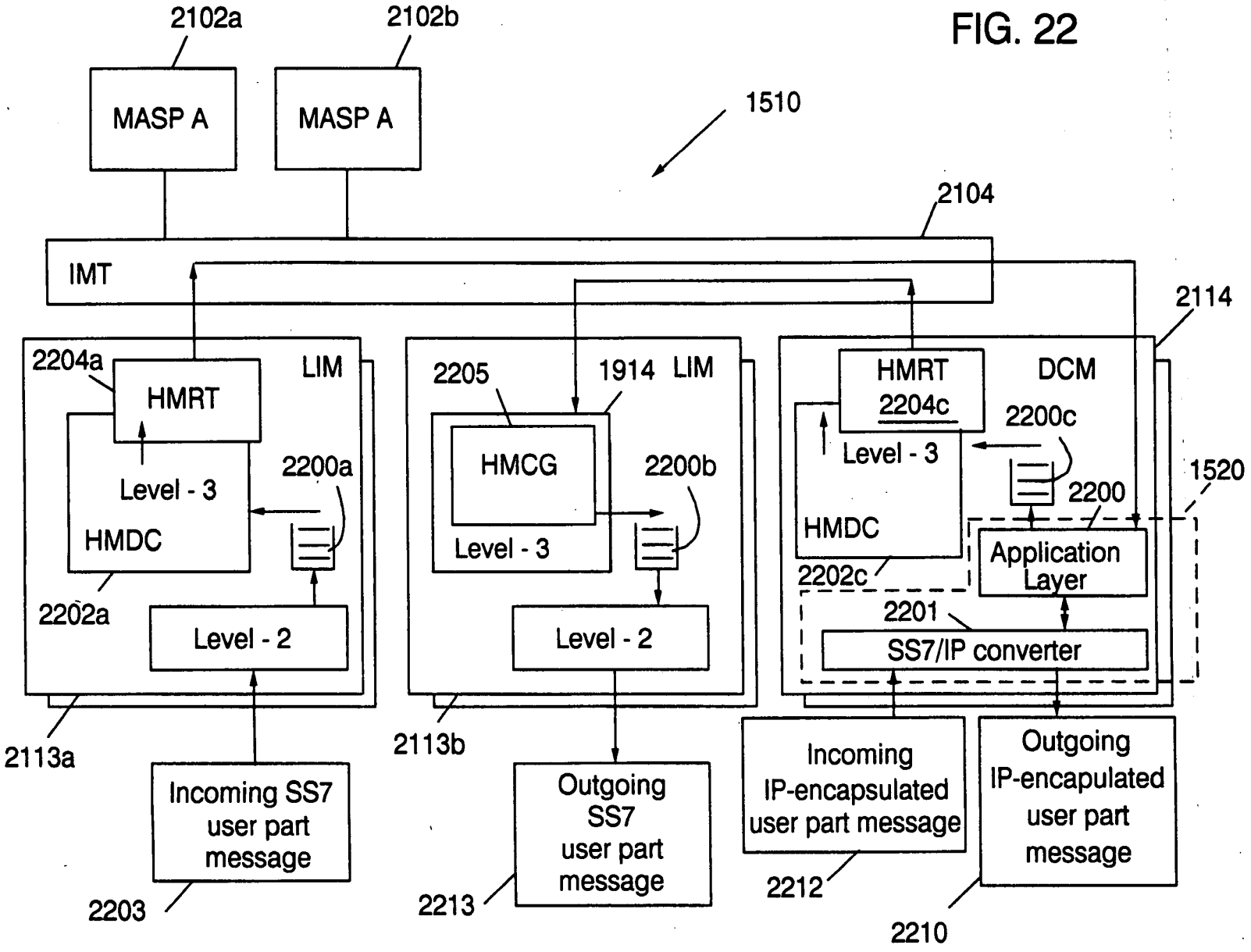


FIG. 23

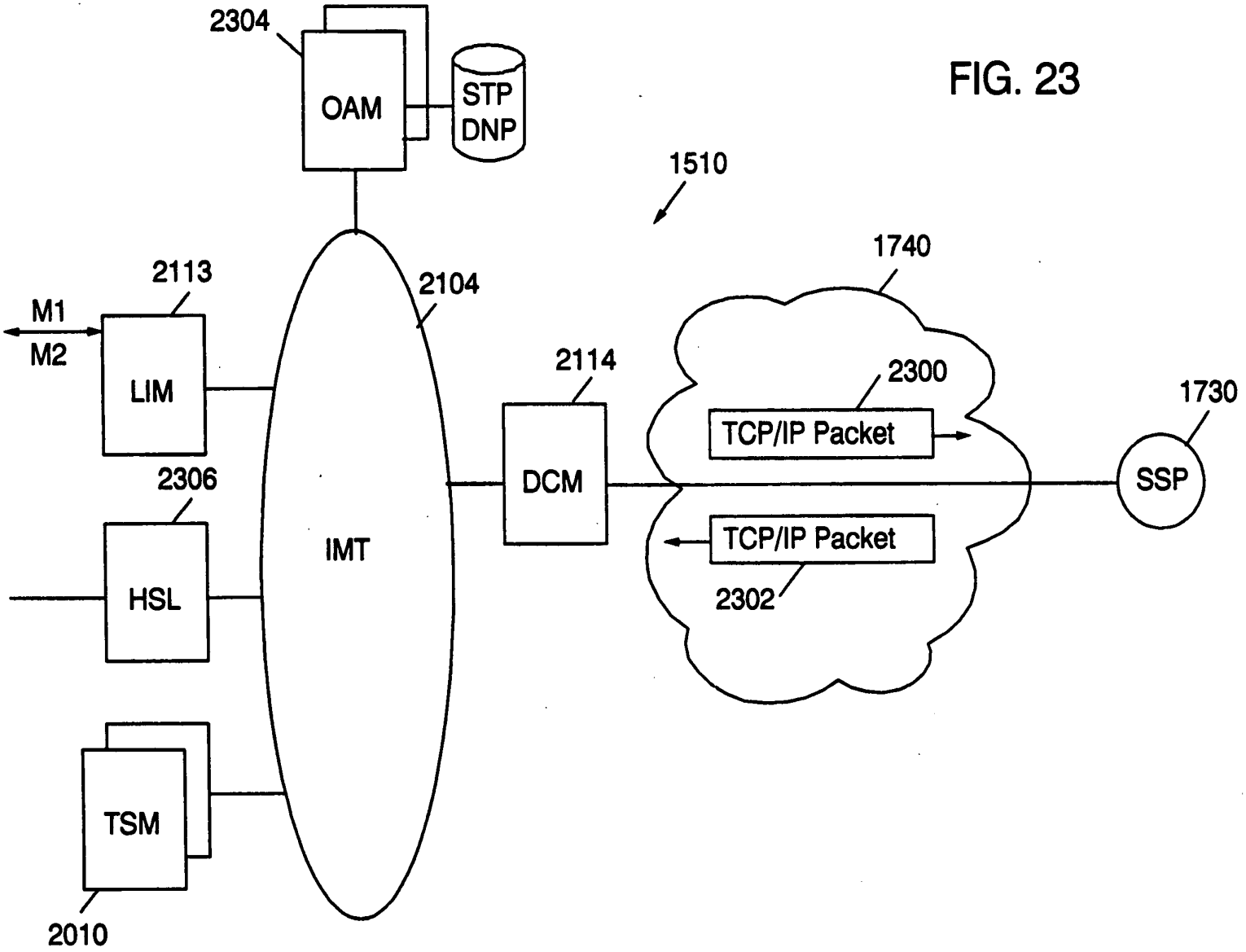


FIG. 24

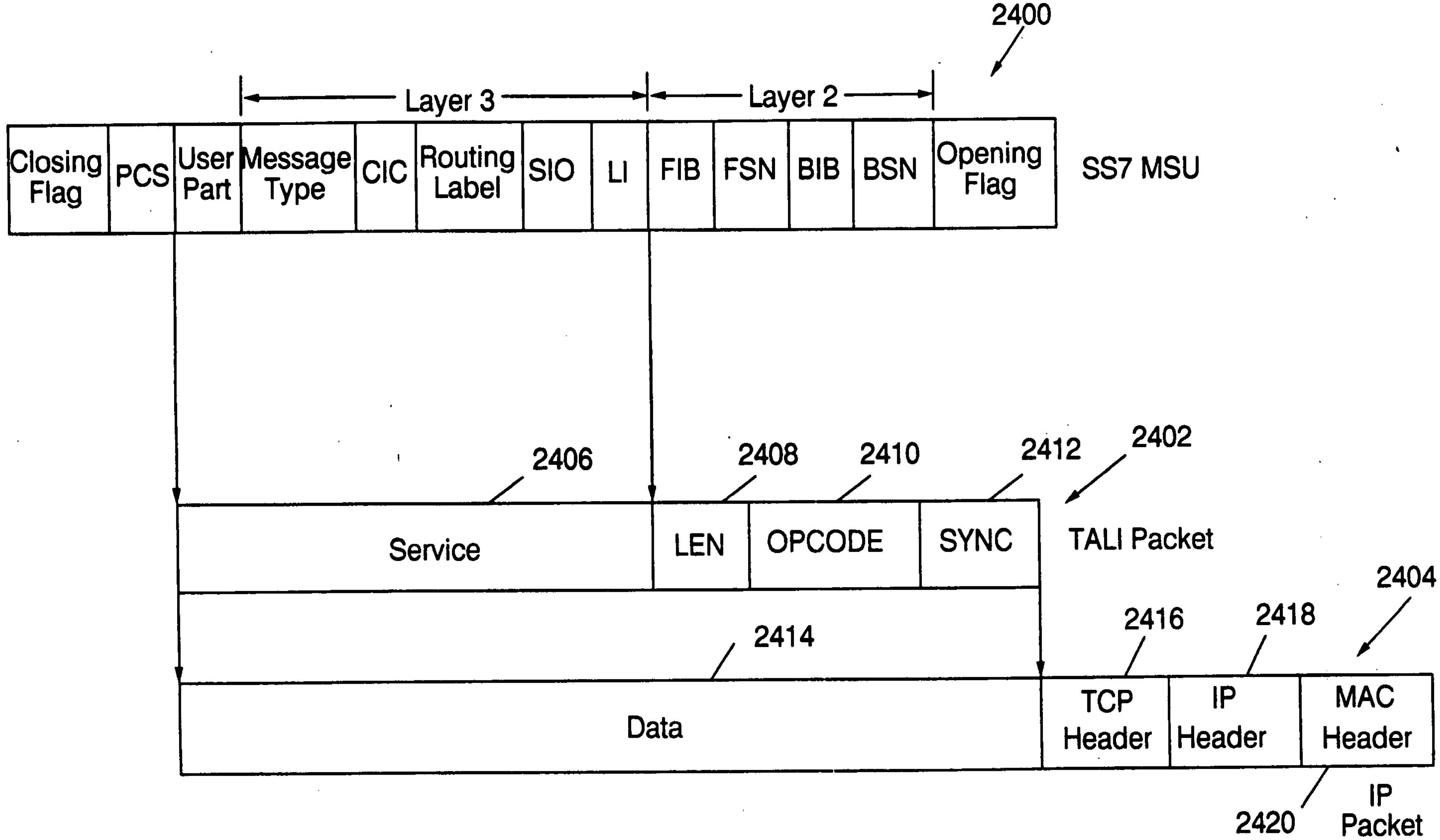

2400
Layer 3
Layer 2
Closing Flag
PCS
User Part
Message Type
CIC
Routing Label
SIO
LI
FIB
FSN
BIB
BSN
Opening Flag
SS7 MSU
2406
2408
2410
2412
2402
Service
LEN
OPCODE
SYNC
TALI Packet
2404
2416
2418
2414
Data
TCP Header
IP Header
MAC Header
2420
IP Packet

FIG. 25

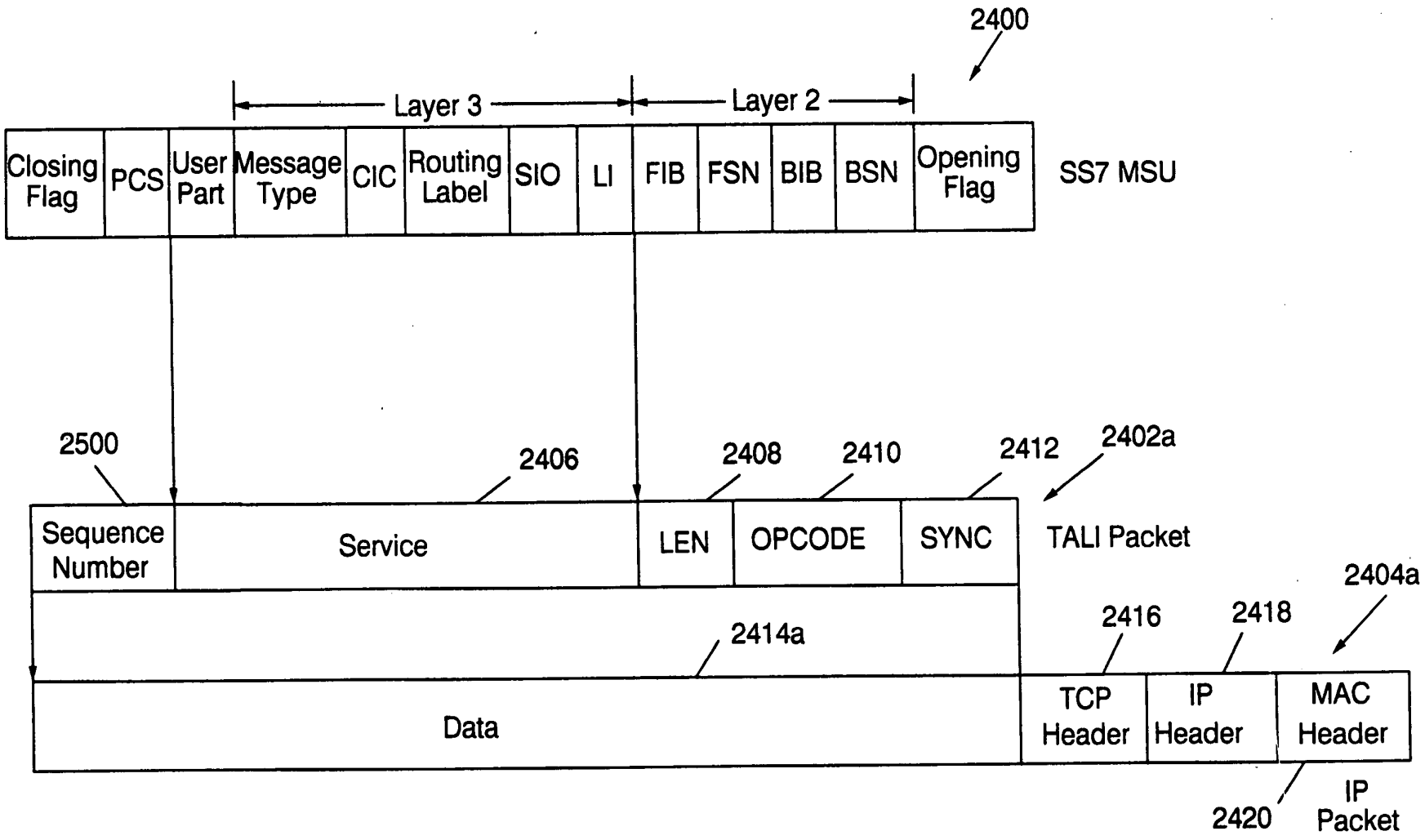


FIG. 26